

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended): A device to process material, comprising:
an energy beam source to generate an energy beam; and
a plurality of energy beam transfer devices operatively connectable to the energy beam source and disposable relative to a single workpiece to be processed, to direct the energy beam in a predetermined pattern on an exterior surface of the workpiece; and
a housing to enclose the energy beam transfer devices and at least a portion of the workpiece to be processed, wherein the housing includes:
a first part; and
a second part, wherein the first part and the second part are pivotably coupled for movement relative to one another to releasably enclose at least the portion of the workpiece to be processed.
2. (Original): The device of claim 1, wherein the energy beam source comprises one of an electron beam system or a laser material processing system.
3. (Original): The device of claim 1, wherein the energy beam transfer device comprises a lens.

4. (Previously Amended): The device of claim 1, further comprising:
a switching device to apply the energy beam to each energy beam transfer device to direct the energy beam.
5. (Canceled)
6. (Currently Amended): The device of claim [5] 1, further comprising:
a first transfer device support coupled to an interior of the first part of the housing to support a first group of the plurality of energy beam transfer devices; and
a second transfer device support coupled to an interior of the second part of the housing to support a second group of the plurality of energy beam transfer devices.
7. (Currently Amended): The device of claim [5] 1, further comprising a workpiece fixture to retain the workpiece in position relative to each of the plurality of transfer devices during a material processing operation.
8. (Original): The device of claim 7, wherein the workpiece fixture comprises a plurality of centering pins to hold the workpiece in position.
9. (Original): The device of claim 8, wherein the workpiece fixture further comprises:
a first pin support coupled to an interior of the first part of the housing to support a first group of pins of the plurality of centering pins; and

a second pin support coupled to an interior of the second part of the housing to support a second group of pins of the plurality of centering pins.

10. (Currently Amended): The device of claim [5] 1, wherein the housing is adapted to form a seal around the workpiece to retain the energy beam and any debris within the housing during a material processing operation.

11. (Currently Amended): The device of claim [5] 1, further comprising a tool positioner including:

a first operating lever; and

a second operating lever pivotally coupled to the first operating lever to hold the housing in position on the workpiece during a material processing operation.

12. (Original): The device of claim 4, further comprising a fiber optic cable to operatively connect each of the energy beam transfer devices to the energy beam source.

13. (Currently Amended): The device of claim 1, wherein the device is adapted to operate in ~~at least one of~~ substantially a vacuum and substantially a zero gravity environment.

14. (Original): The device of claim 1, wherein the workpiece comprises a component on an aerospace vehicle.

15. (Original): The device of claim 1, wherein the predetermined pattern is substantially completely around the exterior surface of the workpiece.

Claims 16-105 (canceled)